NOVEMBER–DECEMBER 1987
One Dollar
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California GARDEN

Pyracantha

Irina Gronborg

Legend of the Poinsettia

Submitted by Rudy Lime

There is a charming legend that tells of the miraculous appearance of the Poinsettia in a little church on the outskirts of Cuernavaca, Mexico.

Long ago on a Christmas eve, a small, dark-eyed girl was very sad because she had no flowers to take to the church and place at the manager of the Christ Child. Before the weeping girl appeared a beautiful angel, who told the child not to weep, but to go and pluck a weed from the side of the road, and place it at the manager and wait. Following the directions of the angel, the girl placed a weed at the crib. It blossomed forth into a scarlet flower. That is how the poinsettia became the Christmas flower, still prized among all the flowers at Christmas. The flower is named after Joel R. Poinsett, statesman, and U.S. Secretary of War (they called a spade a spade in those days!), of Charleston, South Carolina, who, in 1825, was appointed the first American minister to Mexico. He found the attractive plant and sent one back to the states. In 1836 botanists named it Poinsettia. The actual flower is the tiny yellow cluster in the center of the flaming red bracts, which are often mistakenly assumed to be the flower. They form a flaming red star, which may remind us of the star of Bethlehem.

Living Christmas Decorations

By California Association of Nurserymen

The holidays are a time for rejoicing and what better way than to surround yourself with living plants? So often we put a decoration on our door but forget the walkway up to this door. It can be equally inviting as well as the inside of your home with the right plants.

A planting of winter annuals and perennials in bloom will make any home sparkle on the outside. Look for cyclamen, camellias and other charmers in containers to brighten the entryway. In the garden, use holly, pyracantha with its bright red berries, heathers and azaleas to give the color scheme a lift. In flower beds use pansies, violas, Iceland poppies, chrysanthemums and more to add color.

Indoors, a few little ornaments tucked onto your existing plants or bright colorful bows around attractive baskets for your houseplants will go a long ways to add the festive touch. The cheerful poinsettia, available in so many sizes and shapes, can make the whole house sparkle with color whether they are clustered in the entry-way, living room, dining room, kitchen or even placed here and there in bedrooms and bathrooms.

A living Christmas tree can become a family tradition and the scent of a living tree is so much more powerful and fresh. Try a bushy, little spruce, fir, or pine or even a cedar, (you can keep these in a container for a few years) bringing it in each Christmas to decorate and enjoy. The kids will enjoy watching their special Christmas tree out in the garden all year long and then inside during Christmas week and so will the adults!

Each year, you will find more and more plants trimmed and shaped to resemble a miniature tree from those in 4-inch pots on up. They are decked out in ornaments and colorful ribbons ready to give the house a lift in holiday cheer, or to give as a present. Even the all green foliage plants can become a welcomed gift with not only a bow but perhaps a small ornament or two clipped on its basket for the recipient.

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DEADLINE FOR ENTRY IN THE NEXT ISSUE IS NOVEMBER 16, 1987

COVER ILLUSTRATION
By Irina Gronborg

Irina Gronborg teaches botanical illustration at UCSD Extension and also teaches at Grossmont College.

Subscriptions to CALIFORNIA GARDEN for one year include six issues of the magazine, since it is put out bi-monthly. On your mailing label, if you are a subscriber, it shows a number indicating the issue which you first received and the year your subscription is due for renewal. If your label reads 6—88, it means you started with the issue number 6 (NOV/DEC) and it expires with the issue 5 (SEPT/OCT) in 1988. 1—88 indicates you started with issue Number 1, the JAN/FEB issue, and it expires when you receive Issue Number 6, NOV/DEC issue in 1987.
If you have a membership in San Diego Floral Association, on the mailing label it shows after your name # plus the month you started and year membership should be renewed. If your label shows # 12/87, it indicates you started with the NOV/DEC issue and your last copy of the magazine with that membership would be the SEPT/OCT issue in 1987. Renew early to receive the next issue.

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Elizabeth B. Glover

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HORTICULTURE CALENDAR

*San Diego Floral Association Event

***Free Floral Crafts Instruction Workshop** every Thursday with Colleen Winchell, Room 105, Casa del Prado, Balboa Park. Info: 479-6433.

***Flower Arranging Classes.** Call Marie Walsh for dates and reservations. 298-5182.

Oct. 16-25

Los Angeles Garden Show, Los Angeles State and County Arboretum, Aracadia, CA. Theme "The English Influence". Admission $5.00 for adults, $3.00 for Seniors and ages 5-17. During this 10-day event, the grounds will be open only to holders of tickets to the Los Angeles Garden Show.

October 17, 18

San Diego County Orchid Society's Fall "Mini" Show, Casa del Prado, Balboa Park. Sat: noon-4:30 p.m. Sun: 10-4:30 p.m. Free. Plant registration Oct. 17, 7-10 a.m. Anyone may enter plants.

***October 20**

San Diego Floral Association General Meeting with Dr. William Nelson from Pacific Tree Farms talking and showing slides. Pot luck 6 p.m. Meeting at 7:15 p.m. All are invited. $1.00 for members with pot luck and $3.00 for guests. Reservations accepted 232-5762.

***October 21**

Flower Arranging Class with Martha Rosenberg. Room 205, Casa del Prado, Balboa Park. 9:30-2:30 p.m. Reservations call Marie Walsh 298-5182.

October 23-25

Palomar Orchid Society's Annual Fall Show at Japanese Cultural Center, 150 Cedar Road, Vista, CA. Fri: Show set-up and registration 4-9 p.m.; Sat: Registration 8-9:15 a.m.; Judging 10 a.m. Open to public noon - 6 p.m.; Sun: 10-4 p.m. Info: (619) 941-0382. Anyone may enter plants.

October 23-November 20

Serigraphs of Landscapes by Barbara Frankel at Hospitality House, Descanso Gardens.

October 24, 25

Quail Gardens will host "A Day in the Gardens". Included will be a plant sale featuring plants from the gardens, with an emphasis on those that attract birds, ongoing tours of the gardens, a lemonade stand set up by the junior garden club, and an art and photography show and sale. All art work originates from the Gardens. Quail Botanical Gardens, 230 Quail Gardens Drive, Encinitas, CA. 10-4 p.m. Free, although there is a parking fee of $1.00.

October 24

Landscape, Shrubs and Trees Seminar at Presidio Garden Center, 5115 Linda Vista Road, San Diego taught by Joseph Gomez. 9-1 p.m. Fee $24. Register by October 16.

October 24, 25

Sogetsu School of Ikebana Show, Casa del Prado, Balboa Park, San Diego, CA 11-4:30 p.m. Free.

October 25

Bonsai Exhibit presented by South Coast Bonsai Association at South Coast Botanic Garden. Palos Verdes Peninsula, CA 9-5 p.m.

***October 27**

Woven Reed and Natural Materials Basket Class, Room 101, Casa del Prado, Balboa Park. 9:30-2:30 p.m. Reservations call Marie Walsh 298-5182.

October 28-November 1

Homemade country and holiday crafts from personalized gifts to Christmas trimmings for sale, created by over 100 craftspeople and artists. South Coast Botanic Garden, Palos Verdes Peninsula, CA 9-5 p.m.

October 31-November 1

European Wedding Flowers and Hand-tied Bouquets Seminar by Van Rems (619) 944-0252. 9-5 p.m.

October 31, November 1

San Diego Tropical Fish Society's 17th Show, Casa del Prado, Balboa Park, San Diego, CA. Room 101, Sat: noon-6 p.m.; Sun: 9-4:30 p.m. Free.

October 31, November 1

Glendale Chrysanthemum Society's Show and Sale at Descanso Gardens, La Canada Flintridge, CA. 9-4:30 p.m.

November 2

The World Flower Festival. Ambassador Hotel, Los Angeles, CA Tour sponsored by The Village Garden Club of La Jolla. $42 per person includes bus tour round trip, gourmet luncheon in Embassy Ballroom, and "Home Beautiful" designs created by Adrienne Green, National Flower Instructor. Mail check to Marie Walsh, 3570 Union Street, San Diego, CA 92103. Your check is your reservation. Bus stops 7:30 a.m. Pacific Plaza in Pacific Beach (near California First Bank), and 8:10 a.m. in front of Andersons in Carlsbad.

November 7

Rancho Santa Ana Botanic Garden in Claremont, CA. will hold its **Annual Native Plant Sale** including a book, bake, and houseplant sale from 8-2 p.m. A collection of rare and threatened California plants will be available. Info: (714) 625-8767.

November 7-8

Entertaining With Flowers Class by Van Rems, 9-5 p.m. (619) 944-0252.

November 7, 8

Orchid Show and Sale, South Coast Botanic Garden. Sat: noon-4:30 p.m.; Sun: 10-4:30 p.m.

November 7, 8

Ikebana Show Descanso Gardens, 9-4:30 p.m.

November 7, 14, 21

Photography Seminars taught by Robert Fields.

November 7 - Basic 35mm camera operation skills and fundamental composition as it applies to scenery and nature.

November 14 - How to look at scenes from an aspect of line, direction, texture, form and visual design.

November 13. 14. 15

Third Annual Christmas Fantasy sponsored by Miniature Museum of San Diego. La Jolla Woman's Club, 715 Silverado (corner of Silverado and Draper Streets), La Jolla, CA. Exhibit of doll houses, miniatures, antique dolls and toys, Christmas

gift boutique, plant faire, dolls, miniature items and much more. Teddy Bear Tearoom luncheon and refreshments. Donation $5.00. Info: (619) 454-4959 and (619) 278-6519. Fri: 11-7 p.m.; Sat: 10-7 p.m.; Sun: 10-5 p.m.

November 14

Fruit Trees, Citrus, Deciduous and Tropical Seminar by Joseph Gomez at Presidio Garden Center, 5115 Linda Vista Road, San Diego. Fee. Register by November 6.

November 15

Pine Cone and Succulent Wreath Making by Suzy Seamans. South Coast Botanic Garden. 2 p.m.

November 16-20

Short Course in European Floral Design by Van Rems. Fee. 9-5 p.m. (619) 944-0252.

November 21

Learn to emphasize details of a subject through use of close-up photography. Fee. Pre-registration required. Sponsored by Descanso Gardens Guild at Descanso Gardens. (818) 790-5571.

November 21-22

Bonsai Show by Santa Anita Bonsai Society at Los Angeles Arboretum. 9-4:30 p.m. Demonstrations, displays, and sale of bonsai arrangements, bonsai materials and books. Los Angeles Arboretum.

November 23-December 14

Entertaining with Flowers for the Holidays Course by Van Rems. Fee. (619) 944-0252.

November 28, 29

Fresh Christmas Workshop for Professionals Class by Van Rems. Fee. 9-5 p.m. (619) 944-0252.

November 29

Sumi-e Painting and Ikebana 12th Annual Show, Casa del Prado, Room 101, Balboa Park. 11-4 p.m. Free.

Happy Holidays

***December 4, 5, 6**

San Diego Floral Association's Christmas on the Prado - THE TWELVE DAYS OF CHRISTMAS. Casa del Prado, Room 101, Balboa Park Flower Arrangements, Boutique, Sale of CALIFORNIA GARDEN magazine, books and floral items, hot chocolate and gingerbread men. Fri: 5-9 p.m.; Sat: noon-9 p.m.; Sun: noon-4 p.m. Free.

December 4, 5, 6

Holidays in the Garden featuring flower arranging, personalizing package designs, and wreath making demonstrations. Plants, wreaths, holiday craft and gift items for sale. Live musical entertainment. South Coast Botanic Garden, Palos Verdes Peninsula, CA 10-4 p.m.

December 5 through 15

Christmas at Rancho del Descanso. Beautifully decorated trees, gift boutique, wreath making demonstrations 11 a.m. weekdays; learn to make bows, rose flowers from ginkgo leaves, and flower arrangements on weekends. Holiday craft workshops for children; nativity scenes in library. Hot cider and cookies in Cafe Court. Descanso Gardens, La Canada Flintridge, CA. 9-4:30 p.m.

December 5, 6

Camellia Show presented by the Pacific Camellia Society at Los Angeles State and County Arboretum, Arcadia, CA. Sat: 1-4:30 p.m.; Sun: 9-4:30 p.m.

December 6

Annual Christmas in Flowerland Bazaar at Quail Gardens, 230 Quail Gardens Drive, Encinitas, CA. 10-4 p.m. Interesting plants, jams, jellies, books, gift items and gift items on sale. Free admission. Info: (619) 753-1545.

December 6

Holiday Celebration Month at Offtrack Gallery, in the old train station, 510 North Highway 101, Encinitas. Hours: Tues. through Sun. 10-5 p.m. Dec. 6 artists invite you to join them at a special reception including original art and contemporary crafts, music and refreshments. Beginning Dec. 1, 10 artists will have their work on display, including watercolor, brushpainting, photography, porcelain, handmade paper/fiber arts, raku pottery, leaded glass, airbrush/clothing and scherenschnitte. (619) 942-3636.

December 10-13

Holiday Faire at the Del Mar Fairgrounds featuring a mountain of snow, strolling carolers, special carnival rides, entertainment, demonstrations, floral displays, etc. Info: (619) 755-1161 or 296-1441.

December 12

California Rare Fruit Growers Conference at Los Angeles State and County Arboretum, Arcadia, CA 10 a.m. Persimmon lecture by Irving Bernsen; 11 a.m. Sapotes by Dr. Robert Chambers; Taste rare fruits at noon; 2 p.m. Doug Richardson will discuss banana cultivars and cultivation. 9-3 p.m.

December 12, 13

Christmas Home Decorating with Fresh Materials course by Van Rems. Fee. (619) 944-0252.

December 13

Queen Anne Open House. Holiday trimmings decorate each room. 10-4 p.m. Los Angeles State and County Arboretum, Arcadia, CA.

December 13

Gift Shop Open House. Learn how to make holiday garden baskets. Gift items on sale. Los Angeles State and County Arboretum, Arcadia. 9-4:30 p.m.

December 18, 19, 20

Christmas Show. Flower arranging and wreath making demonstrations, holiday entertainment, exhibits of Christmas customs of other countries, display of holiday crafts and ornaments. Models in Victorian costumes will stroll through the show. Los Angeles State and County Arboretum, Arcadia, CA. 9-4:30 p.m.

January 18-21, 1988

International Garden Trade Fair (VTB) will be held at the Jaarbeurs Exhibition Center in Utrecht, Holland. The 1988 VTB will be open daily from 10 a.m. to 6 p.m.

March 26-April 1, 1988

Charter Boat Trip with botanists, ornithologists, and naturalists to Guadalupe and Cedros Island of coastal Baja California, Mexico. Info: (619) 726-2228.

A Phoenix Rising . . .

The Japanese Friendship Garden Balboa Park

By Ernest B. Chew

Well...maybe not a Phoenix. The Phoenix was a mythical bird that rose from the ashes of its own destruction. But, there is a parallel. The new Japanese garden will be a rebirth of a garden that graced Balboa Park for over 40 years.

A Japanese tea garden, complete with a pavilion and a small tea plantation, was constructed in the park for the 1915 Panama-California Exposition. Located in an area now occupied by the Children's Zoo, it featured a small stream winding into a pond with a drum bridge arching over it. By the time of the 1935-36 California Pacific International Exposition, the official guidebook could report:

"For a refreshing, delightful spot, go through the red Torii gate to the Japanese Tea Garden. Red lacquer bridges, dwarfed gardens, trailing wisteria — and little Japanese maids in flowered kimonos will give you a smile with your tea and fortune cakes. Try their new ways with tea-frapped, iced and with fruit. Could anything be cooler?"

During the Second World War, while the park

was one gigantic naval hospital, some of the buildings fell into a severely dilapidated and dangerous state; some of them beyond repair. The tea garden was one of these. It was dismantled in the mid 50's and the area taken over by the zoo. But, while this garden and its tea house has been lost to San Diego, the dream of it lingers on.

This dream began to grow again in the 1960's when the San Diego - Yokohama Sister City Society began to formulate plans for a new garden. In 1968 a site was selected in Gold Gulch Canyon in Balboa Park and a gate, the Charles C. Dail Memorial Japanese Gate was erected just north of the Organ pavilion. The garden will occupy the whole of the canyon to the east of the Organ Pavilion, an area that except for a while during the '35 exposition, when it was the home of a representative gold mining town and called 'Gold Gulch', has lain fallow. A Master Plan and Environmental Statement were approved in 1979 and the decision was made to launch the project. On September 29, 1980 the Garden Committee transferred control of the project to a new Japanese Friendship Garden Board and articles of incorporation as a Nonprofit Public Benefit Corporation were filed and approved by the California Secretary of State.

In June, 1984, under the advice of Professor Mitsuo Yokoyama, former Chairman of the Japanese Institute of Landscape Architects, the Board of Directors selected a Japanese Landscape Architect, Takeshi (Ken) Nakajima, to design the garden. Among Mr. Nakajima's accomplishments are the Japanese Pavilions for two World Fair Expositions, one in Montreal (1967) and one in Seattle (1974), the private garden for the late Prime Minister, Shigeru Yoshida, and the preliminary plan for the new palace garden for the Emperor of Japan. On May 22, 1986 Mr. Nakajima received in audience with the Emperor the order of the Rising Sun, Gold and Silver Ray, with particular mention being made of two gardens designed by Mr. Nakajima. First was the Cowra Japanese Garden in Australia and the second was the Moscow Japanese Garden in the USSR.

Kurano Associates, Inc., of San Diego, was selected as Local Project architect/coordinator and during the year prepared and finalized drawings to complete the Master Site Plan Report. The Society approved the report in January, 1986.

San Diego's garden will be a Kaiyushiki (circuitous, strolling style) garden. It will feature a central pond surrounded with strolling paths, a pastoral scene, and a mountain retreat. Primary consideration will be given to the introduction of Japanese culture through the use of cultural facilities: a tea house and garden, cultural center, arbor, and exhibit building. To broaden the aesthetic and educational impact of the garden, a Garden Study Center will be maintained and developed.

It is hoped that this garden facility will become the home of the many Japanese oriented societies in San Diego. This would include the Ikebana societies (Japanese flower arranging), Bonsai, Tea

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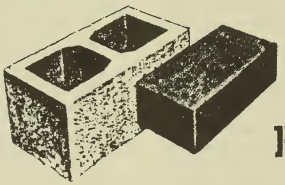

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Ceremony Societies, and Japanese dance groups. Also, there is a probability that Chrysanthemum and Japanese Iris societies may be formed as interest is generated.

It is often customary for the landscape architect who designs the garden to give it a Japanese name. However, in deference to Professor Yokoyama's seniority, Professor Yokoyama was asked to name it. The Professor, in agreement with Mr. Nakajima, named the garden 'San-kei-en' (three scenery garden). The name is identical to that of a famous Japanese garden in San Diego's sister city of Yokohama. However, though pronounced the same, the Kanji (Chinese characters) are different, and Yokohama's garden is translated as 'three ravine garden'.

Although the western states of California, Oregon, and Washington are part of the United States, they are also a part of another community, the Pacific Rim. A tremendous interactivity has developed between the Pacific Rim countries, particularly between Japan and California. Japanese industry abounds here: Kyocera, Sony, Nissan and dozens of others along with several of the Japanese owned banking systems. The garden with its activities should be of extreme value in developing a broader cultural understanding between the two nations.

Although the original tea garden was less than an acre, the new garden will be in excess of eleven acres. It will be developed in phases. The proposed first phase development will include approximately five acres including the rim of Gold Gulch Canyon, the water feature in the canyon below, and a portion of the mountain retreat. It will also include all utilities needed for the balance of the garden's development.

On the rim will be an exhibit house, a sand and stone garden, and a place for cultural programs and displays. Entrance to the area will be through the Charles C. Dail Memorial Gate. While this gate will remain a garden entrance, the main garden gate will ultimately be located at the southern corner of the property in the canyon below.

The water feature will be a major focal point in the canyon. It will be reminiscent of a quiet inlet of the sea. There will be a sand beach and a boat landing with a stone lantern at the water's edge. Also planned is a pine island connected to the bank by a wooden bridge. Winding paths around the water feature will be for strolling.

All of this is going to cost a great deal of money. For the first phase the estimate is, in

1986 dollars, $4,800,000, with the cost of the total project to be between $10 and $11 million.

And where is this money coming from? Mostly from donations solicited during a fund raising campaign soon to begin. Before then, though, you will have a chance to tell us how you feel about the garden.

In November you will have the opportunity to make sure that the initial phase funding comes from you, the people of San Diego. The garden has been put in the November Park Bond issue to be the recipient of $2 million of those park bond funds. This the garden will match to give us the $4 million that we need for the initial phase.

Even better, by voting 'yes' on the bond issue you'll not only guarantee a beginning of the garden, but you will also provide the funding needed to complete many other improvements in our park's major cultural centers.

Contingent on the passing of the bond issue, groundbreaking for the garden could occur as early as Fall 1988.

If you would like to become a part of the fulfillment of a beautiful dream, please vote 'yes' on the Park Bond issue in November.

If you would like to make a personal contribution (of time or money) to the "Friends of the Parks", the citizens' group responsible for the campaign to educate voters to the need of YES votes on Propositions B and C, contact:

The Friends of the Parks Campaign Committee
710 W. Ivy Street
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Holiday Faire At The Del Mar Fairgrounds

By Andrew Mauro

The Del Mar Fairgrounds is sponsoring their first Holiday Faire this year, December 10-13. Scheduled for the week following Balboa Park's Christmas on the Prado, the Holiday Faire also promises to quickly become a San Diego holiday tradition.

Featuring a mountain of real snow, strolling carolers, special carnival rides, two stages offering musical and dance entertainment, holiday how-to demonstrations, an extensive gift boutique, food treats, and competitive exhibits, the Faire will offer something of interest for every member of the family.

Of particular interest to members of the Floral Association will be floral displays. Coordinated by Andy Mauro, Superintendent of the Del Mar Fair Flower and Garden Show, the junior and senior floral competition includes miniature winter "niche" arrangements (maximum size 5"x5"x5"), holiday table centerpieces, wreaths, and decorated trees. Cash premiums and ribbons will be awarded for the floral entries as well as numerous classes in the holiday home arts division. There are special categories of displays for professional entrants.

The deadline for entries is November 13 at 5 p.m., or until the capacity of the department has been reached.

For entry forms, a listing of competitive classes, or additional information regarding the Holiday Faire, please call the Entry Department of the Del Mar Fairgrounds, (619) 755-1161 or 296-1441.

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First Neighborhood Park In Normal Heights

By Patricia M. Getzel

On Saturday, April 11, 1987 at 11 a.m. a groundbreaking ceremony was held at Mansfield Street and Adams Avenue to commemorate the start of construction of Adams Avenue Park. The 12,000 square foot neighborhood park is the first to be built in Normal Heights.

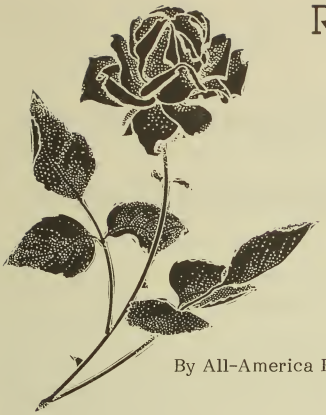
The ceremony was attended by City Councilwoman Gloria McCall, Lois Miller, President of the Normal Heights Community Development Corporation (NHCDC), Marian Marum of Marum & Associates who designed the park, Wayne Caubernat, Vice President of ABC Construction Co., Inc. who is the general contractor selected to build the park, and many local residents.

"The Normal Heights Community Development Corporation was at the forefront in both raising funds for park development and raising the visibility with the City of San Diego for the immense need for parks and open space in our neighborhood," said Lois Miller. The NHCDC THINK GREEN fundraising campaign was cited by the National Municipal League as one reason why Normal Heights was selected last year as an "All-America City". The park has picnic tables, game tables and tot equipment. The design for the park was based on a survey conducted through the local community newspaper, the Adams Avenue Post which is published by the NHCDC. The paper received an overwhelming response from 1200 households indicating a desire for a passive small park for socializing and picnicking. These responses were tabulated and used by Marum and Associates to design the park.

"This park is a significant step forward in meeting the commitment set forth in the Mid-City Community Plan for providing park space in neighborhoods where park facilities are deficient," said City Councilwoman Gloria McColl.

An additional groundbreaking occurred after the park ceremony, just several blocks away on the 4600 block of Hawley Boulevard. Members of the adult and children's gardening programs will be working on the fourth community garden site. City Councilwoman Gloria McColl has been invited by the Normal Heights Garden Club to see the new site. The Councilwoman was instrumental in allowing the temporary use of the city owned site for gardening purposes.

Remember The Rose Garden With Potpourri



By All-America Rose Selections

There's an old saying that if you keep something long enough, it will come back into style. This is certainly true of potpourri. The wonderful world of natural fragrance known to our grandmothers is finding its way back into vogue today as people re-learn the craft and technique of blending flowers and herbs for potpourris and sachets.

Once a concoction used to perfume moldy, damp rooms and literally translated from the French as "rotten pot," potpourri is a blend of flower petals and scents with a hundred and one uses. Jars or bowls of potpourri add refreshing aroma to the bath; sachets give gentle fragrance to clothes in closets and dresser drawers; the sweet aroma in a pillow can lull you off to sleep; and giving takes on a special, personal touch with hand-made items.

Potpourris are classed as either moist or dry, the latter being the most popular and most widely used, although the moist type has a longer-lasting, stronger scent. They are made in slightly different ways, yet both have essentially the same ingredients: 1) dried flowers, petals, and buds, which form the basic scent and the bulk of the blend; 2) a fixative, which blends the scents and serves to retain them; 3) fragrances derived from other flowers, herbs, spices, or fruits in addition to the basic scent; and 4) essential oils. Perfume or potpourri suppliers and craft shops carry these ingredients.

The basic component of most potpourris is rose petals and buds, used alone or in a combination with other fragrant plant material, such as the flowers of carnations, lavender, orange trees, or chamomile, and the leaves of mints, lemon verbena, scented geraniums, bay, or rosemary. Since potpourri is often displayed in glass jars or open bowls, you may also choose to use flowers that are attractive but totally non-fragrant to add color. You can pick these flowers from your garden or buy them from a place that carries potpourri supplies.

To dry your own rose petals for potpourri, cut newly opened flowers that are not wet with rain or dew. Cut in the morning when fragrance is highest. After carefully removing the petals from the stem, dry them in a cool, dry place out of direct sunlight spread out in a single layer on a window screen or drying rack set up so air can freely circulate from all sides. Petals for moist potpourri are dried until limp, which will take a few days. For dry potpourri, let petals become crisp, which will take several days to several weeks, depending on the heat and humidity. After drying, store petals in a plastic bag or jar that is airtight and away from heat and light.

To make dry potpourri, mix 1 quart (4 ounces) of dried rose petals to each 1 ounce of chopped or cut (not powdered) fixative, such as orris root, storax, benzoin, or patchouli. You should note that 1 quart of dried rose petals probably started as at least 2 quarts of fresh petals.

Once the petals and fixative have been mixed, add whatever secondary scent you desire from spices, herbs, or dried fruit peels at the rate of an ounce per quart of petals. Use a glass, plastic, or enameled container rather than metal for mixing, and stir the mixture with your fingers or a wooden spoon. Three drops of essential oil per quart will finish the recipe. Choose an oil that is floral, fruity, woodsy, spicy, or minty, depending on what you desire. Don't be afraid to experiment!

Leave the mixture in a cool, dark place until it has lost the raw, multi-scented aroma and become a smooth, pleasant blend. Then, use however you desire. If the fragrance fades after awhile, freshen it with a few drops of essential oil.

Moist potpourri is made by alternating 1-inch layers of limp petals in a non-metallic container, such as a crock, bowl, or wide-mouthed jar, with 1 tablespoon of non-iodized salt (the fixative). After several weeks of curing, the secondary scents and essential oils are added, and the mix is further cured for another month under a weighted plate. If at any time a moist potpourri dries out, the addition of a few drops of brandy will restore it.

You can collect rose petals all summer and dry them, storing the ones already dried in airtight jars or plastic bags kept in a cool, dark place. Light and heat cause loss of color and aroma while moisture invites mold and mildew. After the potpourri is made, place it in baskets, sachets, or glass containers, but keep it out of direct sun. Open the container and fill the room with the delightful fragrance and memory of summer and roses.

Landscaping For The Future

By Bill Jacoby

The landscaping of San Diego's future will need to employ concepts used in designing our area's early gardens and landscaping. The principle of regarding water as a precious, and limited, resource was recognized as important in designing then, and needs to be more prominently considered in designing now and in our future.

What irrigation did occur in San Diego's earlier days was with ground water drawn from local wells. Because the quantity of water available was so limited, very little was used for irrigation. Naturally, the vegetation used was selected with these irrigation limitations in mind. As local dams, imported water, and sophisticated water delivery systems made plentiful the amount of water available for irrigation, the picture changed drastically. With irrigation water dispensed at the turn of a faucet, landscaped areas in San Diego grew in size and in their thirst for water. The drought of the 70's brought home the fact that we cannot always count on our sources of imported water to supply all we need for the lush landscaping San Diegans have become accustomed to. Because we in San Diego are at the end of the pipeline that brings in 90% of the water we use, we also need to be aware that an earthquake or other catastrophe could temporarily sever our water lifeline. Our landscaping of the future, therefore, needs to be the type that employs the Xeriscape principles (Xeriscape means achieving water conservation through landscape design) which will enable our plants to live through periods of water shortages.

Wise landscapers and home owners throughout southern California are already planning for the future, by employing two concepts used in the past. They are using irrigation systems which apply water sparingly (e.g., drip irrigation and low precipitation rate sprinkler heads). Additionally, they are selecting plants which, once established, will require only periodic deep irrigation. These plants have a chance of living through a future water shortage with little or no irrigation.

The City of San Diego, and the San Diego County Water Authority, have co-sponsored the design and construction of a low-water-use, or Xeriscape, demonstration garden to show San Diegans how attractive the landscaping of the future can be. The garden is located at the Mira Mesa Branch Library, 8450 Mira Mesa Boulevard, in the northern part of the city.

The irrigation system used in the garden is designed to apply water in the manner most efficient for each type of plant. Trees are irrigated with pressure compensating bubblers. Shrubs, ground covers and herbaceous ornamentals, meanwhile, receive water through a drip irrigation system. Finally, the two small turf areas in the garden are irrigated with low precipitation rate sprinklers.

Nearly all of the plants used in the garden stay green all year around, and most produce colorful blossoms at various times during the year. The garden was designed to simulate two different types of design challenges.

Plants in the front of the Library are used as they might be on a slope or area in which little foot traffic is expected. Trees used in this area include: lemon scented gum **(Eucalyptus citriodora)**, holly oak **(Quercus Ilex)** and silk tree **(Albizia Julibrissin)**. Evergreen compact carolina cherry shrubs **(Prunus caroliniana compacta)** were used to accent one of the curved front walls of the building. Lower growing plants used in this area include Carmel creeper **(Ceanothus griseus horizontalis)**, kangaroo vine **(Cissus antarctica)**, trailing lantana **(Lantana montevidensis)**, and sea lavender **(Limonium Perezii)**.

The rear of the library, meanwhile, has been arranged to resemble a home owner's back yard. In the center of the area is a small patch of tifgreen bermuda **(Cynodon Dactylon 'Tifgreen')** turf. This area is intended to demonstrate that a Xeriscape design can include turf where appropriate as in a highly used backyard. Planted around the turf perimeter are: bottle trees **(Brachychiton populneus)**, weeping bottle brush **(Callistemon viminalis)**, toyon **(Heteromeles arbutifolia)**, shiny xylosma **(Xylosma congestum)**, geraniums **(Pelargonium hortorium)**, and scarlet monkey flower **(Mimulus cardinalis)**.

A sketch of the garden, along with a list of the plants used, is available inside the library during regular hours. The garden itself, however, is available for self-guided tours at any time.

Bill Jacoby is the City Water Conservation Officer, in the Water Utilities Department of San Diego.

CALIFORNIENSIS???

By Angus Graham

Everybody knows we have hibiscus. There's that red one, and a yellow, and some know of a white. Yet, how many know that we have here in California, at Quail Botanical Gardens in Encinitas, and at the home of Mr. and Mrs. Angus Graham in San Luis Rey Downs, well over 250 different varieties...all of **hibiscus rosa sinensis?**
That "**Californiensis**" bit at the heading was just to get your attention. Seems to have worked, you've read this far already. **Californiensis**?? Why not?

A good many of these have been hybridized here in southern California. Ross Gast, for whom our local chapter is named, did much, if not most, of the pioneering work, and many others are continuing with it for creating a brand new flower...it's like having a little to say about creation itself, for what you have produced has never existed before. Yes. You get to name it, and, if you wish, even patent it. Then it's truly all yours, legally as well as in actuality.

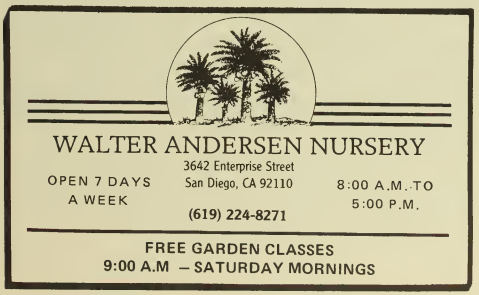
But most of us don't get that far into the business of hibiscus culture and are just satisfied to have a few, or a lot, of these in our gardens. The only real trouble is in trying to decide just which ones, for they come in all sizes, from "Mini's" less than three inches across, to some that are nicely over ten inches. They come in red, white, yellow, pink, orange, cerise, lavender, blue, grey, bronze, brown, tan, gold, russet ... you name it. They come in that color. Then too, there are the bi-colors, tri-colors, a few quadri-colors and occasionally with five colors in the blossom. You can have them as singles, doubles, puff-balls, cup-and-saucer configurations, plain, ruffled, overlapped, upright, as hangers, as plants that will never get over three feet tall, or as "standards", actual trees fifteen feet high.

And what's more, they'll grow well without constant fussing on your part. Give them sun, lots of water, and feed it now and then, and you'll have blooms from April through November ... dozens of them ... every day. The blooms are programmed to last just so long, and whether you leave them on the plant, put them in water, or lay them on the table, they last just that long and no more. Many are one day blooms, but a goodly number of the newer hybrids last two or three days ... again, off the bush, on the bush, in water, or on the table. Makes for fine decorations for a luncheon, or to float in your pool when you're having a party, or, you put one behind your ear. Looks very pretty. But, just be careful which ear, for traditionally behind one ear says ... "No way Bud. Get lost." Behind the other ear says ... "W E L L 1 1 1 1 ... could be." No. I won't tell you which is which. Live dangerously for once. Who knows? You just might like it.

But, in all seriousness, this plant, which originated in Indo-China as pretty much a "Nothing" plant, has become, especially in the past twenty five years, a true rival for the older, more traditional and more well-known flowers.

The American Hibiscus Society has some twenty-one Chapters scattered across Florida, California, Texas, Georgia, St. Thomas in the Virgin Islands, St. Croix, also in the Virgin Islands, and affiliates in Australia, to say nothing of members in India, Hong Kong, Brazil, Canada, New Zealand, Hungary, and a place called "Flag Pond, Tennessee". They are becoming very popular as a house plant in, of all places, Sweden, and the other Scandinavian countries, in Illinois, Michigan, Wisconsin and other cold places with long winters, for now it can be grown for years in a pot in a sunny window, and, if it's sprayed with cytocel, it'll never get any bigger. It'll fill out and it will continue to produce normal sized flowers, but no way will it ever get any bigger. Makes a lovely spot of color in a sunny window, and it's great for folks who live in apartments or condos, and don't have much space, but like beauty.

Our local Chapter grows a great many of these special hybrids which are available to its members. Just might be a good idea to wander down to Quail Gardens, 230 Quail Gardens Drive, Encinitas, and look them over. Drop us a line, or for that matter, pick up your phone, and we'll be happy to answer any questions you may have. It's the American Hibiscus Society, Angus Graham, President, 6449 Via de la Reina, Bonsall, CA 92003, (619) 758-0473.



The Truth About Poinsettias

From "Trends"
Submitted by Bill Gunther

There are Pixies, Midgets, Jingle Bells and Amys. There are Eckespoints, Heggs, and Jim Mikkelsens, too. There are as many interesting facts about poinsettias as there are varieties of the holiday plant.

First of all, the bright red "petals" on the poinsettia aren't petals. They are leaves called bracts. The real flowers of the poinsettia are the clusters of yellow and green buds in the center of the "bloom."

The **Euphorbia pulcherrima**, or poinsettia, is a Mexican plant first cultivated by the Aztecs. According to poinsettia experts at the Paul Ecke Poinsettia Ranch in Encinitas, the Aztecs made a crimson dye from the bracts, and a medicine from the milky latex that drips from poinsettias when they are cut.

The first United States ambassador to Mexico, Joel Roberts Poinsett, introduced poinsettias to this country. He had some sent to his home in Greenville, South Carolina in 1825. Albert Ecke, originally of Switzerland, began raising poinsettias near Beverly Hills in the 1900s. His son, Paul started the poinsettia ranch in Encinitas in the 1920s.

Easy to care for, the poinsettia requires good light, moderate temperatures and relatively damp soil. They like humidity, and do not like to be placed on top of a television set or in any other hot, dry place.

A poinsettia is past its prime when it has lost its green leaves and starts to shed the red leaves. Watering should be decreased at this point. To preserve your poinsettia for next year's holiday season, follow these steps: A) Cut back the original stem to four inches above the soil level in March or early April. Give it plenty of sunlight and keep it in a moderate temperature . It should be fed regularly throughout the growing season and fertilized about half as much during the flowering season. B) Prune your plant between July 15 and August 1 to make it bushy. C) Keep your poinsettia in darkness for 14 continuous hours every day from October 1 to December 15. Covering the plant with a box, or placing it in a dark closet will work. The plant is photoperiod sensitive: it sets buds and produces flowers as winter nights become longer. The night temperature during the dark period should be from 60 to 65 degrees.

With a bit of luck and patience, this year's poinsettia will bloom again next year, too.

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Trickle Soak Systems Wins Award For "Add-It"

San Diego, CA — Trickle Soak Systems has been named a recipient of this year's "Agricultural Engineering 50" Award, presented by the American Society of Agricultural Engineers (ASAE), for its "ADD-IT" automatic fertilizer injector, according to Tom Strong, president of the firm and product designer.

Each year, the ASAE recognizes the top developments in agricultural engineering by honoring 50 enterprising companies selected by a panel of experts for "outstanding innovations in product or systems technology."

"We are delighted to receive this kind of recognition from such a prestigious organization as the ASAE." Strong said, "Their endorsement will even further enhance the excellent reputation that the "ADD-IT" injector is generating among homeowners, farmers, commercial growers, contractors and professional landscapers."

The "ADD-IT" is designed to accomodate both drip and conventional sprinkler irrigation systems. Through its unique design, each time the irrigation system is operated a small amount of liquid fertilizer is injected into the water. There is no pressure loss through the system and no outside power source is required to operate the injector.

Currently the "ADD-IT" is available in eight sizes, from one pint up to five gallons.

Trickle Soak Systems is a San Diego-based company that offers a complete line of drip irrigation equipment in addition to the "ADD-IT" product line. The main office is located at 8733 Magnolia, Suite 100, Santee, CA 92071. Phone: (619) 449-6408.

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An Alternative Method For Cherimoya Flower Pollination

By Bob Holzinger

This method was first demonstrated to me by Crafton Clift, a guest lecturer from Florida who spoke to the San Diego chapter of CRFG last summer. This technique is routinely used in Florida, according to Crafton, so I decided to try it this spring on my Cherimoya tree, a Spanish variety.

The flower to be pollinated must be in the female stage with the flower pedals slightly opened. The time of the day does not seem to matter so each person will have to determine when the stigmas of the flowers on his or her particular tree are most sticky. The stickiness of the stigma, though, may not determine whether or not the pollination will be successful.

The flower is tilted to a horizontal position, and the petal on top in this position is removed by lifting it up and breaking it off at the base where it is attached. This will reveal a section of stamens bearing the pollen that will be used to pollinate this flower. With the base of the petal just removed, gently tease some of the anthers (i.e. pollen) loose from the flower, taking care to keep the anthers on the flower. I then use the pointed end of the petal to move the anthers to the stigma. Part of the anthers are pushed under the two remaining petals and the rest is left on the exposed part of the stigma. If the stigma is not very sticky, the contact provided by petals holding the pollen next to the stigma appears to do the job. The pollen of this flower is immature at this time, so the pollination will not occur until the next day. Evidently the maturation of the pollen is not dependent on it being attached to the flower.

Paul Phillips of La Mesa tried this technique on his tree last year with much success, but the amount of self pollination that also occurred last year made it difficult to judge the success rate of this technique. This spring on my tree I used this technique with 60 flowers and had 21 take. I have been told by several sources that the first flowers to open usually do not take, so my success rate could have been much better if the first twenty or so flowers attempted are not counted in the tabulation. If the petal is too clumsy to use, possibly a toothpick could be used to dislodge the stamens and spread them around.

Editor's Note: I had asked Bob to document his method of pollination of cherimoyas for California Garden readers. He wrote that he was also sharing it with California Rare Fruit Growers for publication in their quarterly.

The Greening Of ISRAEL

By Bess M. Tittle

TREE PLANTING – Photo courtesy of Holyviews Ltd.©

"A land of milk and honey" -- that was the description given in Biblical times to the area now occupied by the State of Israel.

Zionist pioneers arriving there in the early 1900s did not find it so. They saw instead a neglected and crumbling Ottoman province, ruled by corrupt officials, its dry and shadeless land scarcely able to sustain a population of 50,000.

Little had changed for the better when the modern State of Israel was established after World War II.

Yet today, only four decades later, Israel supports a population of four million almost entirely on its own agriculture and, in additon, exports large quantities of foodstuffs to other countries -- and this on only 812 square miles (about the size of Massachusetts and half desert).

How did they do it? The answers: unconventional techniques; new management methods and innovative use of water, including saline; development of new varieties of vegetables that could thrive in the desert; and massive injections of human determination and fortitude.

There had been scattered settlers in Palestine as early as the 1850s -- idealists and intellectuals seeking to rebuild the Jewish National Home in the Holy Land, thus fulfilling the covenant between God and Abraham. Socialists, they came to escape anti-Semitism and to establish a regime of social and economic equality, based on the brotherhood of man and the self-determination of nations.

But they had little knowledge of farming.

With financial backing from the Rothschilds, these inept pioneers, unused to the climate or farming, drained swamps and worked the farms in a masochistic pleasure of hard labor.

Progress was slow. Their tools were primitive, as were the local methods they adopted.

In 1870 the first agricultural school was founded. By 1900 they had purchased enough land to set up a chain of villages meant to redeem and reclaim the Land of Israel and to establish outposts to fix the boundaries of the planned Jewish state.

Traces of ancient flourishing agriculture were everywhere: miles of terraces for vineyards and olive groves, dating from earliest settlements; banana groves planted in the Jordan Valley in the Middle Ages; citrus trees on the coastal plains near Jaffa dating from medieval times. They even found a special variety of onion which, grown in the Middle Ages in Ashkelon, was exported to England, where its name ('sh'elon) was corrupted into shallot. Near Jericho the ruins of a sugar mill revealed they had once grown sugar cane. The name sugar is thought to be derived from the name of the town, Sogher (Zo'ah today), at the extreme south end of the Dead Sea.

On the basis of these clues, they established vineyards, olive and orange groves, almond plantations, and fast growing eucalyptus trees for shade. Vegetable and sugar beet production would come later.

Between 1904 and 1914, the second wave of immigrants arrived, setting up collectives and self-defense units to protect themselves from raiding parties of Arab brigands. By the end of 1914 there were 80,000 Jews in Palestine in small towns and fifty or more agricultural settlements.

Two World Wars later, they came to understand that the idealistic idea of self-sufficiency through collectives, each attempting to produce enough for its own use, would not suffice. A system of more specialized ranches was started, developing methods by trial and error.

The recognition of the importance of re-

search resulted in the founding of an agricultural research center at Rehovat.

Chai Hevron, a retired consultant on agriculture from that center, and a specialist in cattle breeding and dairy farming, tells us, "We had an intelligent group with open minds not burdened by an agricultural tradition."

With a potential one-quarter million agricultural experts — that is, everyone — they were able to instill new techniques very quickly, the farmer "running ahead" with researched methods before waiting to be assured they would work.

When the State was established in 1946, a large immigration tripled the population and created a huge shortage of food. Further fast development of new agricultural methods became essential. The situation was complicated by the need to make farmers out of people who lacked not only farm experience but also lacked the high motivation of the early settlers.

One solution was to establish a strong agricultural extension service — so unique and successful it has been copied by many other nations. No other country in the world ever started from such a low point and developed so fast a successful system of bringing new methods to fruition with record high production.

In a land where the lack of water and the dry climate are the primary considerations, the main research has focused on using unconventional approaches to agriculture. The greening of Israel was made possible by these innovative techniques.

Irrigation was an obvious step. The problem was to restore the desert by using water sparingly and economically.

Sprinkler pipes provided a trickle that allowed plants to grow without wasting water. Drip watering — laying thin plastic tubing into the soil — introduced a mixture of water with fertilizer directly to the roots of plants.

New techniques are forever needed to fight droughts, spreading salinity (water piped from the Kinneret — the Galilee — grows steadily saltier, and stations have been added along the pipeline to dilute this content), and the ever increasing needs of a growing population.

Chai Hevron says, "Desalination, if and when economical means are found, will change the face of the world. It is still far too expensive to use for agriculture — still a dream."

New varieties of flowers and vegetables that can utilize saline water have been found. In fact, vegetable and flower production in Israel through specialized farming have become important exports to Europe and the rest of the world.

One successful experiment led to the cloning of ferns at a kibbutz in the Galilee. Researchers are presently working at computerizing the entire process. The inexpensive cloned ferns are marketed in Europe.

An Israeli, David Mazigh, spent his sabbatical year from Ben-Gurion University in the Painted Desert in Arizona. There he launched a program of experimental farms for impoverished Indians on reservations throughout the Southwest, using drip watering invented to produce crops in Israeli desert land.

Mazigh helped the Navajo lay 240,000 feet of thin, plastic tubing into the desert. Water and fertilizer dripped from holes every two feet near the roots of growing plants. Navajos called the pipeline "black intestines," and after initial resistance (water must come from clouds, they insisted), once they had seen successful vegetable harvests, they sought to improve their own plots.

Noam Blum, an Israeli landscape architect, has developed use of drip watering, completely controlled by computers, to install roof gardens all over Israel. Garden owners lacking basic knowledge of gardening can grow magnificent flowers and plants, with the computer providing the green thumb.

Mazigh also developed Israel's large pistachio crop, but it was an American, Sam Hamburg, who brought Israel's cotton crop to a world production high. Cotton and peanuts are now important industrial crops, and sugar beets have made Israel self-reliant in sugar — fortunately or unfortunately, as Israelis share the "sweet tooth" curse with other civilized nations.

In a low-profile cooperative agricultural program involving Egyptians and Israelis (the Cooperative Arid Lands Agricultural Research program — CALAR), the introduction of drip irrigation has improved water management techniques on 650,000 acres across the Nile Delta north coast. Egyptian farmers are using highly brackish drainage water to grow off-season vegetables in a project to modify and optimize productivity under saline conditions. Salt tolerant melons, tomatoes, legumes, and barley have been developed and are now being used for canning or export.

Animal husbandry fodder research produced a protein-rich edible desert shrub which has been distributed to Bedouins on 20 acre mini-ranches on the north coast of Egypt. Damascus sheep and goats have been introduced to enhance meat and milk quantities of the indigenous Barki herds.

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At Ramat Negev Station 35 kilometers south of Beersheva in Israel, irrigation of tomatoes with saline water increased from 40 to 80% those suitable for peeling, and drew top prices from the canning industry. Research continues to make commercially viable a new melon hybrid more tolerant than any other to salinity.

New industrial crops such as jojoba, guayule and buffalo gourd have been introduced to both nations.

A personnel development program to train junior and senior scientists is another important part of CALAR's goals to build a monument to life by making the desert in both countries green.

In Israel, in spite of "impossible conditions," the dairy industry achieved the highest output of milk per cow in the world. Cattle were selected by breeding those that thrive on small amounts of land and by replacing the traditional food with a new kind of fodder. The resultant animals can feed without grazing on vast areas of pasture and have been exported to Egypt, other African countries, Sicily, and Greece.

Israel's reforestation program takes an off-beat approach: The Jewish National Fund (JNF) offers pro-Israel people all over the world an opportunity to purchase $5 trees to commemorate special occasions or persons. For a $1000 donation, a whole grove may be bought with a dedication ceremony and a special plaque in the forest for the donor. Many visitors go see "their" trees when they come to Israel.

JNF also accepts gifts to help in the reclamation of land by sponsoring developers, pioneers, architects, and reclaimers.

Another unusual condition confronting farmers in Israel from the earliest times to the present is the need to serve the state as militiamen. Because of its antagonistic neighbors, Israel has strong political reasons to encourage settlers in its administered territories ("West Bank"). They provide the same purposes as the land purchases early in this century: they buttress further claim to the land and provide a defense against raiding Arabs. Fruit orchards and poultry farms along the Lebanese borders also were established to provide a first line of defense for the beleagured nation.

Using extreme methods, Israel has achieved self-sufficiency in foodstuffs in a relatively brief period. In the best tradition of their religion, they are willing to share their agricultural achievements with any other country, giving or selling their ideas to whomever wishes to use them.

The Torah (the whole body of Jewish literature and oral tradition, containing the laws, teachings, and divine knowledge of the religion) promised: "A land of wheat and barley and vines and fig trees and pomegranates, a land of olive oil and honey." Using ingenuity, persistence, and determination, and with God's help, that promise has been bountifully fulfilled.

Bess Tittle recently returned from a trip to Israel.

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Reviewed by Barbara S. Jones

POOL AND WATERSIDE GARDENING by Peter Robinson. 1987. Published by Collingridge, Twickenham, England (exclusive distributors Timber Press, Portland OR). 7 1/2" x 10". Hardcover. $14.95. 128 pages.

This is one of the authoritative gardening guides prepared by The Royal Botanic Gardens, Kew. Over 200 aquatic, marginal, and moisture loving plants are described in this beautifully illustrated book. There are detailed sketches and directions for the construction and planting of many types of pools. Basic principles of pool environment and maintenance are concisely explained.

Although this is not written for Southern California climatic conditions (we don't get much ice), most of the information is applicable and excellent. The author is recognized worldwide as an authority on pools and plantings.

LANDSCAPING WITH HERBS by James Adams. 1987. Published by Timber Press, Portland. 8 3/4" x 11 1/4". Hardcover $29.95. 224 pages.

This is a wonderful book for an herb fancier. Folklore, historical notes, and recipes are combined with garden designs, herb descriptions, and growing information. There are designs for very formal to informal gardens, for dry as well as moderated climates, and for small city lots to open spaces. The book is lavishly illustrated with color photos and sketches. There is a dictionary of Latin names and an extensive chart of herbs giving characteristics, planting advice disease susceptibility, and best area to be grown.

After reading this book, one realizes there can be an herb garden for every type of architecture, garden use, and garden size. It really could inspire one to try an herb garden.

INSECT PEST MANAGEMENT GUIDELINES FOR CALIFORNIA LANDSCAPE ORNAMENTALS BY C.B. Kehler. 1987. Published by University of California, Oakland. 8 1/2" x 11". Softcover $10.00. 82 pages.

This is another of the excellent books prepared by the Cooperative Extension of the University of California. There are clear color photos to illustrate problems on vegetation and explanations of all types of insecticides. Most of the book is devoted to plant insect pests and the treatments. The language is concise, easily understood, and informative.

AMERICAN GARDENS OF THE NINETEENTH CENTURY "FOR COMFORT AND AFFLUENCE" by Ann Leighton. 1987. Published by University of Massachusetts Press. Amherst. 6 1/4" x 9 1/4". Hardcover $35.00, Paperback $14.95. 395 pages.

This is the third book by this noted landscape architect concerning the development of gardens in America _ Early American Gardens: "For Meate or Medicine" was followed by Gardens in the 18th Century: "For Use or for Delight."

Every facet of gardening is covered - botanists, explorers, clubs, books, flower shows, etc. — as well as the actual plants and designs. Although it reads like a witty novel, it is filled with pictures, diagrams, and sketches. There is an extensive appendix listing and describing the plants most commonly used in 19th century gardens.

This book will be a very valuable reference for anyone interested in researching or restoring historic gardens. It is a book to be read for pleasure, too.

Reviewed by Dr. Donald Boyer

THE CULTIVATION OF NEW ZEALAND TREES AND SHRUBS by L.J. Metcalf. 1987 Timber Press, 9999 S.W. Wilshire, Portland, Oregon 97225. (Revised Edition) 354 pages. Hardback. $27.95 plus $3.00 shipping.

Seventy color illustrations, 68 line drawings, 72 black and white illustrations and 354 pages of authoritative text on 450 native New Zealand species and their cultivars make this a valuable book for American gardeners who seriously seek to introduce the rich and unique New Zealand flora into the American landscape.

Internationally recognized horticulturist L.J. Metcalf provides detailed descriptions of the plants, suggestions for growing them, and intriguing information concerning their discovery and introduction into the culture.

This is a reference book of limited value to the small home gardener, but it should be immensely valuable to nurserymen and professional gardeners.

GRASSES, PODS, VINES, WEEDS — DECORATING WITH TEXAS NATURALS by Quentin Steitz. 1987 University of Texas Press, Austin, Texas. 123 pages. Hardback. $24.95.

Decorating With Texas Naturals introduces the reader to 44 of Texas' most common and important native and naturalized plants — grasses, pods, vines, and weeds. Californians will be familiar with many of the plants included, or their near relatives, which thrive in our state.

Steitz uses approximately 150 beautiful full-color photographs to show each plant included in the book in one or more stages of growth, and how each may be used in floral design.

Flower arrangers, horticulturists, home gardeners and botanists will find this book useful and beautiful.

THYME ON MY HANDS, by Eric Grissell. 1986 Timber Press, 9999 S.W. Wilshire, Portland, Oregon 97225. 181 pages. Hardback. $19.95.

This book has neither a table of contents nor an index. It is not a book you study to determine how best to design a garden or how to become a master gardener.

In his preface the author says,"For quite a few years I have poked about in the soil myself. Enough years, at least, to know that I haven't the foggiest notion of what I'm doing. Let us be honest at the start, then, and say herein you will find no answers to the gardening questions of the ages. . . . . So let us not talk of answers, or even of questions. Let us talk, instead, of gardening, with a full understanding between the two of us that any information which might prove useful is merely an accident - I have not set out to be useful".

But Grissell did set out to entertain, and he will delight you with his philosophy and humor as you relive the frustrations, disappointments, and joys of your own gardening experiences.

A CELEBRATION OF FLOWERS, by Ray Desmond. 1987. The Hamlyn Publishing Group Limited, Bridge House, 69 London Road, Twickenham, Middlesex, England in association with The Royal Botanic Gardens, Kew, 208 pages. Hardback $29.95 plus $3.00 shipping.

This book celebrates the 200th year of publication of the "Curtis' Botanical Magazine" now known as "Kew Magazine". Written by a former librarian and archivist of the Royal Botanic Garden, Kew, the book is a treasury of the history of botany, horticulture, and botanical art.

The book provides a table of contents, a listing of the superb color plates, an appendix of artists, engravers and lithographers who drew for the magazine, a bibilography, and a comprehensive index.

A Celebration of Flowers is more than the story of the justly famous "Curtis' Botanical Magazine". It is also the story of its founder, William Curtis, and the owners and editors who followed him. A volume that will be coveted by scholars, Celebration also will please the casual reader and those who delight in beautiful pictures of flowers.

OLD GARDEN FLOWERS by Brian Halliwell. 1987 Bishopsgate Press Ltd., London England. 168 pages. Hardback $14.95 plus $3.25 postage.

Old Garden Flowers will be especially useful for the gardener who is interested in developing a cottage garden. Many common and unusual plants that provide the riot of color associated with cottage gardens are included in the book. The author gives the history and background of each plant, advice concerning cultivation, and historical uses of many, reminding us that at one time plants in the flower garden were expected to be useful, as well as ornamental.

Regardless of the size of your gardening library this book will be an informative and interesting addition.

TRADITIONAL ENGLISH GARDENS, Text by Arabella Lennox-Boyd. Rizzali International Publications, Inc. New York. 1987. 160 pages. Hardback. $25.00.

Perhaps the next best thing to a garden tour of England is an armchair exploration of the twenty-eight gardens depicted in Traditional English Gardens. Arabella Lennox-Boyd's word pictures of the gardens are excellent and reveal her wide knowledge of, and skill in developing small town gardens and big country landscapes. But even if you did not read a word of the text, Clay Perry's photography would make time spent with the book a delight. This is a coffee table book to intrigue your guests and inspire you again and again.

AMERICAN GARDENS: A Traveler's Guide. 1986. Published by the Brooklyn Botanic Garden, Inc., 1000 Washington Ave., Brooklyn, New York 11225. 6x9 in. 105 pages. Paperback.

A collection of two hundred fifty gardens open to the public on a regular basis is described in this handbook. Basic visitor information and services available to the tourist are outlined for each place.

The gardens include zoos, cemeteries, arboretums, historic gardens, public gardens, and parks. There are some black and white photographs and a few color ones.

For tourists who like to spend their leisure travel time visiting gardens, this book is a helpful guide.

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Compiled by Penny Bunker

BEGONIAS Margaret Lee

be extra vigilant to control the insect problem - spray for mealybugs and other pests.
spray also for mildew control - read the labels and follow the complete instructions of manufacturers.
feed lightly.
watch weather; if dry, keep planting material moist but not wet.
protect potted plants if rains arrive; heavy run-off can wash out soil and expose roots.
clean plants of all dead leaves and wood.
give plants a top dressing of your favorite mulch.
prepare tuberous variety for winter rest. Water less and allow to go dormant. If you store your tuber; remove from pot when stems come off easily. Clean soil from tuber and store in suitable medium in cool dry area.

BONSAI Dr. Herbert Markowitz

watch water carefully - cooler weather decreases the need for as much water; deciduous trees require just enough to keep them from drying out.
remove all leaves or fruit from deciduous trees.
prune black pines by cutting the candles about half length.
protect trees from any freezing weather.
refrain from fertilizing or transplanting a tree.

BROMELIADS Mary Siemers

stop fertilizing your plants during fall and winter months except those that are kept in a greenhouse.
let plants rest.
do not water as often when the weather turns cool.
check plants for snails and slugs; distribute bait around the base of the pot.
space your plants apart to allow adequate air circulation to prevent scale.
cut dead leaves to keep plants clean at all times.

CACTI & SUCCULENTS Joe Betzler

remember to allow winter dormant plants to rest as they have stopped growing. Can resume watering and feeding those that are showing signs of new growth.
make sure any protective covering from last year is functioning properly. If plastic is degrading or fiberglass cracked - replace as necessary. Some succulents do not tolerate winter rains.
watch cuttings and new seedlings. If they continue to grow, allow to do so, but beware of fungi and other pests.
clean all leaves, old branches, and flower buds from plants; also clean up the garden and greenhouse.
list your goals for next season: propagation of favorite specimens, trying new soil mix, corresponding with other growers, converting your lawn to cacti and succulents.

CAMELLIAS E.C. Snooks

fertilize with a low nitrogen fertilizer such as 2-10-10.
watch watering; camellias do not like getting dry.
start treating buds with giberellic acid for early and large blooms.
check for mites; the most obvious will be red spider mites, but check for bud mite as well. Can use a systemic miticide.
select C, sasanqua varieties while in bloom. Remember these bloom from the Fall through early winter.

DAHLIAS Abe Janzen

permit plants to go dormant by withholding water and fertilizer.
cut stalks when plants have died back and are brown.
leave tubers in the ground to harden off unless rains are heavy and drainage poor; then lift the clumps and let dry for a few hours before dividing and storing.
divide clump - cut apart with a sharp knife so each tuber has one "eye" (growth bud). Be sure to put soil sulphur on each cut. Place tubers in vermiculite, sand, or other medium, and store out of the weather.

EPIPHYLLUM (Orchid Cactus) Frank Granatowski

allow plants to go dormant by withholding fertilizer with nitrogen.
protect plants from exposure to the elements. Frost, hail, and strong winds can cause irreparable damage. Over exposure to harsh winter sunlight can be as detrimental as hot summer sun.
transplant into a larger container plants that are not expected to bloom next year.
continue maintaining good grooming by pruning out dead, unsightly, and non-productive branches to conserve the plant's energy.
keep containers free of debris. Bait for snails and slugs. A few granules of Sluggetta placed at base of container have proved

to give control and leave very little or no residue.

FERNS Ray Sodomka

continue to be alert for insects - slugs and snails are active.
water if it does not rain. Check plants under cover or hidden.
fertilize with one-quarter strength liquid or give slow release pellets and/or granules.
check containers to ensure planting mix has not completely broken down.
clean out weeds, oxalis, and debris from pots.
be vigilant for dry, hot winds. Do not allow plants to dry out; keep moist.
protect plants at night in frost areas. Cover with newspaper, old sheets, or place in garage.
plant spore and keep in warm area.

FUCHSIAS William Selby

cut back and take cuttings in frost free areas.
allow plants to go dormant in areas where there is danger of frost.
reduce or stop fertilizer.
reduce water by about 50% - give enough to keep from drying out.
watch for insects in warmer areas. Check for mold and fungus.
give a light mulch to plants in the ground - don't cultivate deeply as roots are very shallow.

GERANIUMS Carol Roller

water thoroughly when plants become somewhat dry. Allow excess water to drain away. Keep foliage as dry as possible.
continue feeding with a balanced fertilizer. dissolved in water, using less than the recommended amount as often as needed to keep the plants growing well.
continue a pest control and disease protection program, using all products according to the manufacturer's directions.
prune any plants which have not been cut back. At least one green leaf should remain on every stem which has been cut back. Lanky plants which have been pruned earlier in the fall can be cut back again to produce more compact plants.
tip pinch plants which were pruned earlier in the fall.
make cuttings from the prunings. Shelter cuttings from extreme weather.
give plants temporary shelter from freezing if temperatures fall too low.
continue to rotate plants on a regular basis to keep them well-shaped.

GESNERIADS Michael Ludwig

place columneas, nematanthus, and streptocarpus outdoors in a partially sheltered area, protect especially from frost. Keep new growth arrested to prevent frost damage.
prepare all plants for winter dormancy. Those with rhizomes and tubers can be uprooted and stored in small baggies.
watch for dry, hot winds, and keep plants watered.
order next year's plants to get the best plants.

IRIS San Diego-Imperial Counties Iris Society

set up a good watering program. Give Louisianas and Japanese a wet swampy condition. Spurias and beardless like it damp, but not swamplike. Bearded varieties need alternate soaking and drying to force root growth.
feed tall-bearded a balanced organic fertilizer. Give Japanese and Louisiana iris an acid type (camellia food is convenient).
clean beds of dead leaves and weeds; aphids winter-over in debris filled areas.
spray for aphids or give a light feeding of a systemic to control all sucking plant pests.
plant bulbous type of iris - Dutch, English and Spanish.
move and replant Pacific Coast natives in late December when the little white roots are showing. Water well until they are established.

ORCHIDS Charlie Fouquette

feed Cymbidiums a 10-30-20 fertilizer.
lightly feed Cypripediums and Phalaenopsis. They have no storage for water; keep them moist.
try some Grow More fertilizer.

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use 18-18-18 on Cattleyas.
let deciduous Dendrobiums go dormant for 4-6 weeks (just mist lightly.)
clean greenhouse glass or plastic. Plants need as much light as possible.
check heaters for leaks at gas line (use soapy water-watch for bubbles). Make sure vent pipe has outward flow of waste gasses. This means if you have gasses going up the pipe, you must have a vent open somewhere.
clean debris and spread snail and slug bait.
carefully stake new spikes on Cymbidiums.
repot Cattleyas that have finished blooming if they have new leads and roots. Otherwise, wait until later.
give all areas as much air movement as possible.
do not let Oncidiums get wet and stay that way overnight. Try raising them in winter under clear protection, southern exposure, dampen in morning, dry by nightfall. If temperature drops, don't water.

ROSES Frank Hastings
discontinue fertilizing.
water roses every two weeks, more often if soil starts to dry out.
leave spent blooms on plants to induce dormancy.
remove plants that will be replaced.
prepare new beds for bare-root plantings next year.

VEGETABLES
prepare soil so that after the holidays, roots of asparagus, artichoke, rhubarb, and plants of strawberries, cane berries, grapes, and deciduous fruit trees can be planted. Prepare the soil for these as early as possible by mixing in organic matter. If soil is clay or adobe, use some gypsum. Organic matter should be in small pieces so it will mix well with the soil and decay faster.
set out in the garden started plants of lettuce, celery, broccoli, cabbage, cauliflower, Brussels sprouts, and Swiss chard.

GREEN THUMB ITEMS
prepare and enrich your soil, preparing now for the bareroot plantings of roses, trees, etc. in late December and January.
continue to plant annuals and perennials.
plant bulbs for spring color - daffodils, ranunculus, anemones, scillas, lilies. Tulips and hyacinths may be planted after Thanksgiving.
feed birds-of-paradise. Cut out dead growth from clumps to improve appearance.
prune and shape holly and pyracantha when cutting berries for Christmas decorations.
secure plants and young trees to prevent damage from wintry winds.
cut chrysanthemum plants after blooming to 6 to 8 inches from the ground. Feed to encourage new growth for next year's additional plants.
use snail and slug bait regularly.
apply dormant oil sprays in December to control pests and disease next year.

Plants Are A Part Of Thanksgiving

By California Association of Nurserymen

When we look all about, we are constantly reminded of how much we have to be thankful for but the special holiday set aside to give thanks is Thanksgiving. Our thanks can extend to our family, friends, job, and home, as well as our country which allows us more freedom than many others enjoy. How often do we think about what plants do for us?

It doesn't take much to look around and take in our environment to realize how differently things would be and look without plants. Trees give us shade, absorb a great deal of the air pollutants, help block noise, replenish oxygen in the air, give us food in the way of fruit and enhance the area where it is planted. Shrubs help us define property lines, separate various areas of the yard, serve as a screen, block an ugly view or the wind, help control erosion, provide season color with flowers and berries and much more.

Who can forget the yards of our childhood when we played on the lawn and climbed trees? How about the flowers we picked to give to mom or our teachers? Do you remember those open fields of wild flowers that were great to run through, build a fort or set up house in as a child? What about a trip to the mountains where you probably saw your first growing Christmas tree or the majestic redwood that was so tall you couldn't see the top? Even fishing trips would be bleak without all of the plants around the river or lake.

In thinking of all this and more, we will receive a new appreciation of our 'green' surroundings. Even homes without plants indoors seem colder and not as warm as those that have plants decorating the various rooms. Maybe your favorite spot for utter peace and serenity is found in the middle of a forest, up in the mountains, in a lanai room or on a patio, on a bench in the corner of your yard or even on a roof garden. What they all have in common is plants. Recent studies done in hospitals and sanitariums show that the introduction of plants to the patient's room and surroundings had a calming effect taking away the starkness of the sterile atmosphere.

HIBISCUS — Photo by Wilbur Glover

When someone has had a baby, is ill at home or in the hospital or to celebrate certain occasions, we think of taking them flowers or a plant. Even when we lose a loved one, plants are used to express our feelings.

Plants are part of our life and we should be thankful for the way they fill the various needs of living in this world today.

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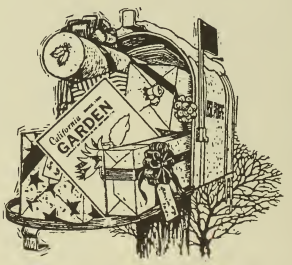

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Pres: Kemary Crowder 271-1844
8862 Shaula Way, San Diego 92126
3rd Thurs. 7 p.m. Home Savings,
396 No. Magnolia St., El Cajon, CA 7:00 p.m.
HERB SOCIETY OF SAN DIEGO
Pres: Mrs. Helen Chandler 745-7713
151 Gayland No. 51
Escondido, CA 92027
2nd Sat. (Except July and August)
Home of members, 11:00 a.m.
ICHIYO SCHOOL OF IKEBANA SAN DIEGO CHAPTER
Mrs. Haruko Crawford 465-3046
10411 San Carlos Drive
Spring Valley, CA 92077
IKEBANA INTERNATIONAL CHAPTER 119
Pres: Mrs. Rex (Kay) Yarnell (619) 435-0910
501 Country Club Lane
Coronado CA 92118
4th Wed., Casa del Prado, 10:00 a.m.
IKENOBO CHAPTER OF SAN DIEGO
Pres: Mrs. Charles Oehler 278-5689
2822 Walker Drive
San Diego, CA 92123
INDOOR CITRUS AND RARE FRUIT SOCIETY
Pres: Walter Doty (415) 948-3171
176 Coronado Avenue
Los Altos, CA 94022
INTERNATIONAL AROID SOCIETY
Pres: Bruce McManus (305) 271-3767
11691 SW 93 Street
Miami, FL 33176
LA JOLLA GARDEN CLUB
Pres: Mrs. Robert M. Boynton 481-0263
376 Bellaire Street
Del Mar, CA 92014
3rd Tues., La Jolla Woman's Cl., 1:30 p.m.
LA MESA GARDEN CLUB
Pres: Mrs. James Pollack 444-4983
6325 Primrose Drive
La Mesa, CA 92042
3rd Thu., La Mesa Woman's Club
5220 Wilson St., La Mesa 1 p.m.
LAS JARDINERAS
Pres: Mrs. James Houck
2360 Presidio Drive
San Diego, CA 92103
3rd Mon., Home of members, 10:30 a.m.
LATE BLOOMERS
Co CH Cynthia Jackson
23500 Bell Bluff Truck Trail
Alpine, CA 92001
4th Tues., home of members 9:30 a.m.
MISSION GARDEN CLUB
Pres: Mrs. Vera Eimer 447-8029
1285 E. Washington Ave.
El Cajon, CA 92020
1st Wed. North Park Recreation
Center, San Diego. 1:30 p.m.
NORTH COUNTY ROSE SOCIETY
Pres: Mr. Dale Reece (619) 757-5905
352 Leeward Court
Oceanside, CA 92054
222 Jefferson St., Vista, CA Fri. 7:00 p.m.
NORTH COUNTY SHADE PLANT CLUB
Pres: Mrs. Druscilla C. Luers 439-3677
1635 Mt. View Avenue
Oceanside, CA 92054
3rd Sat. Ecke Bldg., Quail Gardens
Encinitas, CA 1:00 p.m.
OHARA SCHOOL OF IKEBANA LA JOLLA
Pres: Mrs. Donald Davis 672-0128
11211 Del Diablo Street
San Diego, CA 92129

OHARA SCHOOL OF IKEBANA SAN DIEGO
Pres: Mrs. Walter Bourland 276-4667
2936 Havasupai
San Diego, CA 92117

ORGANIC GARDEN CLUB, SAN DIEGO
Pres: Mr. John E. Miller 460-8756
1302 Helix Street, No. 52
Spring Valley, CA 92077
3rd Fri., Rm 104, Casa del Prado 7:30 p.m.
Every 2 months starting Jan.

PACIFIC BEACH GARDEN CLUB
Pres: Mrs. Lila M. Elder 692-3171
836 West Pennsylvania No. 202
San Diego, CA 92103
2nd Mon., Sep. thru Jun., 1:00 p.m.
Pacific Beach Community Center

PALOMAR CACTUS AND SUCCULENT SOCIETY
Pres: Mr. Gene Eisenberg (619) 487-1051
4th Sat. Joslyn Senior Center,
724 N. Broadway, Escondido, CA 12:45 p.m.

PALOMAR DISTRICT CALIFORNIA GARDEN CLUBS, INC.
Pres: Mrs. James Vaiana 421-6504
4112 Country Trails
Bonita, CA 92002

PALOMAR ORCHID SOCIETY
Pres: Ted Pinger 436-2326
457 E. Glaucus
Leucadia, CA 92024
2nd Fri., Vista Senior Citizen Center
7:30 p.m.

POINT LOMA GARDEN CLUB
Pres: Myrna Hines
(619) 222-2299
935 Armada Terrace
San Diego CA 92106
2nd Wed., Westminister Presby. Church
Talbot & Canon, 10:00 a.m.

PROFESSIONAL WOMEN'S HORTICULTURE AND LANDSCAPE ASSOCIATION (PWHLA)
Pres: Tineke Wilders 294-8097
Box 3424
San Diego, CA 92103

QUAIL BOTANICAL GARDENS FOUNDATION, INC.
Pres: Mr. Richard Poedtke 758-8332
1709 Montgomery Drive
Vista, CA 92083

RANCHO SANTA FE GARDEN CLUB
Pres: Mr. John Rainsford
Hort. Ch: Corrine Gruenwald
P.O. Box 1696
Rancho Santa Fe, CA 92067
2nd Tues., Rancho Santa Fe Garden Club
Avenida de Acadias, Rancho Santa Fe
7:30 p.m.

SAN CARLOS GARDEN CLUB
Pres: Mrs. B.G. Burke 697-4478
8481 Beaver Lake Drive
San Diego, CA 92119
4th Tues. Home of members. 9:30 a.m.

SAN DIEGO ASSOCIATION OF PROFESSIONAL HORTICULTURISTS
Pres: Miss Cynthia Drake 271-8933
9949 Erma Road, Apt. 105
San Diego, CA 92131
4th Mon., Casa del Prado Rm. 104, 7:30 p.m.

SAN DIEGO BONSAI CLUB, INC.
Pres: Mr. Stan Childs 583-0562
P.O. Box 40037
San Diego, CA 92104
2nd Sun., Casa del Prado, 1:00 p.m.

SAN DIEGO BOTANICAL GARDEN FOUNDATION, INC.
Dr. Herbert A. Markowitz
224-8552
876 Armada Terrace
San Diego, CA 92106

SAN DIEGO BROMELIAD SOCIETY
Pres: Mr. Mitchell Gos 422-8557
639 First Ave., Chula Vista, CA 92010
1st Thurs., Byzantine Catholic Church
2235 Galahad Rd., Serra Mesa, 7:45 p.m.

SAN DIEGO CACTUS & SUCCULENT SOCIETY
Pres: Mr. Martin Mooney 427-6796
97 K Street, Chula Vista, CA 92011
2nd Sat., Casa del Prado, 1:30 p.m.

SAN DIEGO CAMELLIA SOCIETY
Pres: Cynthia Drake 271-8933
9949 Erma Road, Apt. 105
San Diego, CA 92131
3rd Wed., Casa del Prado, 7:30 p.m.

SAN DIEGO COUNTY BRANCH NATIONAL FUCHSIA SOCIETY
Pres: Mike Angelo (619) 729-3766
4910 Neblina Drive
Carlsbad, CA 92008
2nd Thurs., Palmquist School
1999 California St., Oceanside 7:00 p.m.

SAN DIEGO COUNTY DAHLIA SOCIETY
Pres: Leslie Pickford 278-1083
5350 Via Bello
San Diego, CA 92111
4th Tues., Casa del Prado, 7:30 p.m.

SAN DIEGO COUNTY ORCHID SOCIETY
Pres: Genie Hammond 426-6831
1341 Park Drive
Chula Vista, CA 92011
1st Tues., Casa del Prado, 7:30 p.m.

SAN DIEGO DAYTIME AFRICAN VIOLET SOCIETY
Pres: Beverly Decker 469-9975
7430 Stanford Ave., La Mesa, CA 92041
2nd Mon., Fellowship Hall, Christ United Methodist Church, 3295 Meade, 12 noon

SAN DIEGO EPIPHYLLUM SOCIETY
Pres: Mr. Milton D. Turner 224-0955
2674 Willow Street
San Diego, CA 92106
2nd Wed., Casa del Prado, 7:30 p.m.

SAN DIEGO FERN SOCIETY
Pres: Mr. Donald Callard 438-9409
7146 Argonauta Way
Carlsbad, CA 92008
3rd Thurs., Casa del Prado, 7:30 p.m.

SAN DIEGO FUCHSIA & SHADE PLANT SOCIETY
Pres: Mr. Bob Matlock 423-0213
1333 New Chatel Drive
San Diego, CA 92154
2nd Mon., Casa del Prado, 7:30 p.m.

SAN DIEGO GERANIUM SOCIETY
Pres: Mr. Jim Zemcik (714) 551-3264
15442 Orleans Circle
Irvine, CA 92714
2nd Tues., Casa del Prado, 7:30 p.m.

SAN DIEGO GESNERIAD SOCIETY
Ariel Madden (619) 299-5415
211 West Walnut Ave. #6
San Diego CA 92103
1st Thurs., Casa del Prado, 7:30 p.m.

SAN DIEGO/IMPERIAL COUNTIES IRIS SOCIETY
Pres: Dorothy Driscoll 463-6700
6338 Lake Athabaska Place
San Diego, CA 92119

SAN DIEGO ROSE SOCIETY
Pres: Mr. Coe Applegate 463-3555
3976 Agua Dulce Blvd.
La Mesa, CA 92041
3rd Mon., Casa del Prado, 7:30 p.m.

SAN DIEGUITO GARDEN CLUB
Pres: Mrs. Hans (Pam) Kaspar
(619) 753-4087
1905 Hummock
Encinitas CA 92024
4th Wed., Ecke Family Bldg.
Quail Gardens, Encinitas, 10 a.m.

SAN MIGUEL BRANCH AMERICAN BEGONIA SOCIETY
Pres: Mrs. Toni Baker (619) 582-7516
6475 - 50th Street
San Diego CA 92120
1st Wed., Casa del Prado, Rm. 104,
7:30 p.m.

SOGETSU SCHOOL OF IKEBANA
Pres: Mrs. Leroy Lahey 429-6198
2829 Flax Drive
San Diego, CA 92154

SOUTHWEST GROUP, JUDGES COUNCIL
Pres: Mrs. David W. Hoke
335 Avenida de las Roses
Encinitas, CA 92024
1st Wed., Casa del Prado, 10:00 a.m.

SOUTHWEST HEMEROCALLIS SOCIETY
Pres: Mr. C.R. Bowman 273-7937
3927 Sequoia Street
San Diego, CA 92109
1st Sat., Feb., Apr., Jun., Sep., Nov.
10 a.m. Quail Gardens Meeting Room
Quail Gardens Rd., Encinitas

SUN HARBOR BRANCH NATIONAL FUCHSIA SOCIETY
Pres: Barney Gonsalves (619) 222-4254
4103 Tennyson Street
San Diego, CA 92107
4th Wed. Recreation Hall, Holy
Trinity Church
2083 Sunset Blvd., Ocean Beach

THE VILLAGE GARDEN CLUB OF LA JOLLA
Pres: Dorothy C. Carroll 578-1484
8304 Hydra Lane
San Diego, CA 92126
4th Thurs., La Jolla United Methodist
6063 La Jolla Blvd., La Jolla 1:00 p.m.

THE VISTA GARDEN CLUB
Pres: Mrs. Robert Hendenberg 724-5032
4809 Ceanothus Place
Oceanside CA 92056
1st Fri., at 222 Jefferson St., Vista
Senior Service Center, 12 noon

THE WATER LILY SOCIETY
Pres: Dr. Kirk Strawn (301) 662-2230
c/o Charles B. Thomas, Secretary
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2055 Rice Canyon Rd.
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3021 McCall, San Diego, CA 92106

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13022 Carriage Road
Poway, CA 92064

What Is Yellow Outside and Pink Inside?

By California Association of Nurserymen

Almost any time of the year you can find these at the market, but the flavor can vary. And what is this all about? The pink grapefruit, of course.

Most people would love to have a pink grapefruit and be able to enjoy the rather mild taste it gives to grapefruit lovers. It is possible to enjoy this beauty if you take into consideration the rather unique requirements it has in order to produce sweet fruit in areas normally off limits.

To begin with, the most common pink grapefruit goes by the name of 'Ruby', 'Redblush' and 'Red Marsh' here in California. 'Star Ruby' is normally found in Texas. The trees are considered to be mid-season producers and all of the fruit holds well on the trees.

To obtain the redness and the sweetness, the grapefruit is a tree that needs a great deal of heat. For that reason most grapefruit is grown in the desert. However, if you happen to live near the coast and have a goodly amount of patience, then you too can grow this delicious healthy fruit.

Grapefruit should be placed in the warmest place you can find in your yard. This would mean that even against a block wall, you can obtain a little more heat than away from that wall. The trees themselves are considered to be large trees as far as citrus goes. However, like all citrus, you can prune to fit your own needs. Dwarf plants are available for those who wish to keep them in containers, or have a very limited space.

Having placed your tree in the hottest spot you can find, you are ready to take normal care of the plant. The trick comes in the picking of the fruit for the cooler regions of our state. The longer the fruit stays on the tree, the redder the color of the flesh. They can stay on the tree for up to 18 months!! You will find that if you are doing this, you can have two crops going at the same time.

In order to be able to better pick ripe fruit, whether in the garden or in the store, there are a few points to remember. The heavier the fruit, the more juice you will have in the fruit. The fruit should be firm and the skin basically smooth. Fruit that has rough, puffy rinds should be avoided. It does not make any difference if the fruit is round or flattened in shape. The color of the skin is not a true sign of the quality of the fruit, as even russet colored skin often is on the best fruit. Grapefruit also does go through the "re-greening" that is rather common to the Valencia orange. It does not seem to affect the fruit. For help in picking the best for you, visit your local member of the California Association of Nurserymen.

ADMISSION FEES FOR THE GARDENS ARE: $3.00 for adults; $1.50 for visitors over 62, and students from 13 through 17 years; 75 cents for children 5 through 12 years; and free for ages 4 and under. Seats on guided trams remain at $1.50. Free admission day is on the third Tuesday of each month.

DESCANSO GARDENS, 1418 Descanso Drive, La Canada Flintridge, CA 91011. (818) 790-5571.

LOS ANGELES STATE AND COUNTY ARBORETUM, 301 N. Baldwin Avenue, Arcadia, CA 91006-2697. (818) 446-8251.

SOUTH COAST BOTANIC GAREN, 26300 Crenshaw Blvd., Palos Verdes Peninsula, CA 90274. (213) 772-5813.

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Notable Gift

By Elsie Topham

San Diego Floral Association's library has received a notable gift from Dr. Francis M. Smith, M.D., of La Jolla. Now retired, after a distinguished career which began in 1921, Dr. Smith has been a dedicated botanist and horticulturist since his boyhood. Over the years he has collected a personal library which contains many books on his interests, and some of these are now on San Diego Floral Association's library shelves. Along with copies of Gertrude Jekyll's "Color Schemes for the Flower Garden", Neltje Blancham's "Wild Flowers", and Richardson Wright's "Winter Diversions of a Gardener", there are four titles by F.F. Rockwell, and two by W.L. Jepson; and in addition to the fifty books Dr. Smith donated, 12 bound volumes of "The Garden" magazine covering the years 1884-1896. San Diego Floral Association's library is much richer for the gift, and grateful thanks are due the donor.

Elsie Topham is the librarian for San Diego Floral Association's library.

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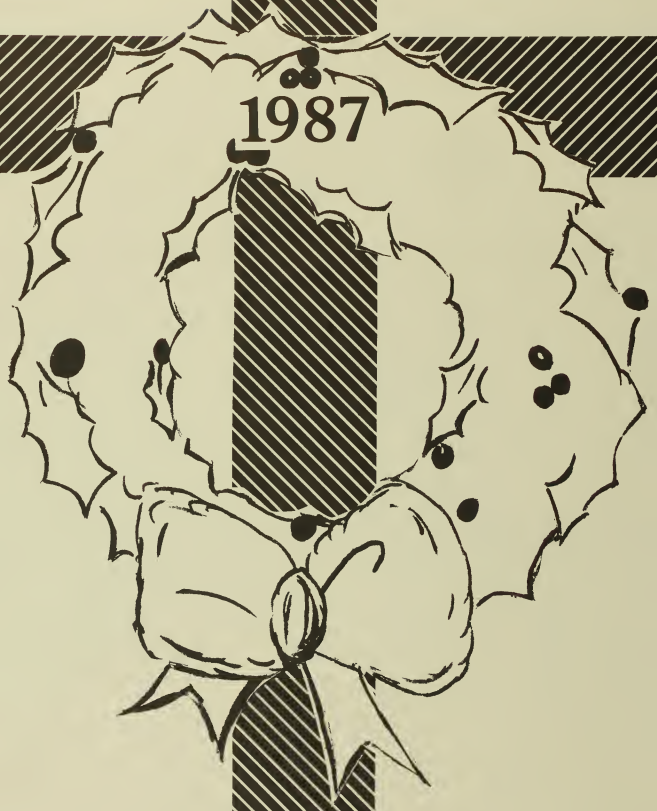
1987

The TWELVE DAYS OF Christmas



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